



**Marysville Borough**  
*Pennsylvania*

# STORMWATER MANGEMENT FEE PUBLIC INFORMATION SESSION

## MARYSVILLE BOROUGH STORMWATER AUTHORITY

February 29, 2024

**Pennoni**

PARTNERS FOR WHAT'S POSSIBLE

[www.pennoni.com](http://www.pennoni.com)

# AGENDA

- ◆ **Introductions**
- ◆ **MS4 Requirements**
- ◆ **Pollutant Reduction Plan (PRP)**
- ◆ **Capital Projects**
- ◆ **Stormwater Authority**
- ◆ **Stormwater Fee Implementation**
- ◆ **Billing Process and Credits**
- ◆ **Public Comment**

# MS-4 PERMIT

- ◆ **PAG-13 Permit Issued by DEP in 2018**
- ◆ **Six (6) Minimum Control Measures**
  - ❖ Public Education and Outreach
  - ❖ Public Involvement & Participation
  - ❖ Illicit Discharge Detection and Elimination
  - ❖ Construction Site Stormwater Runoff Controls
  - ❖ Post Construction Stormwater Management
  - ❖ Pollution Prevention / Good Housekeeping

# MS-4 PERMIT

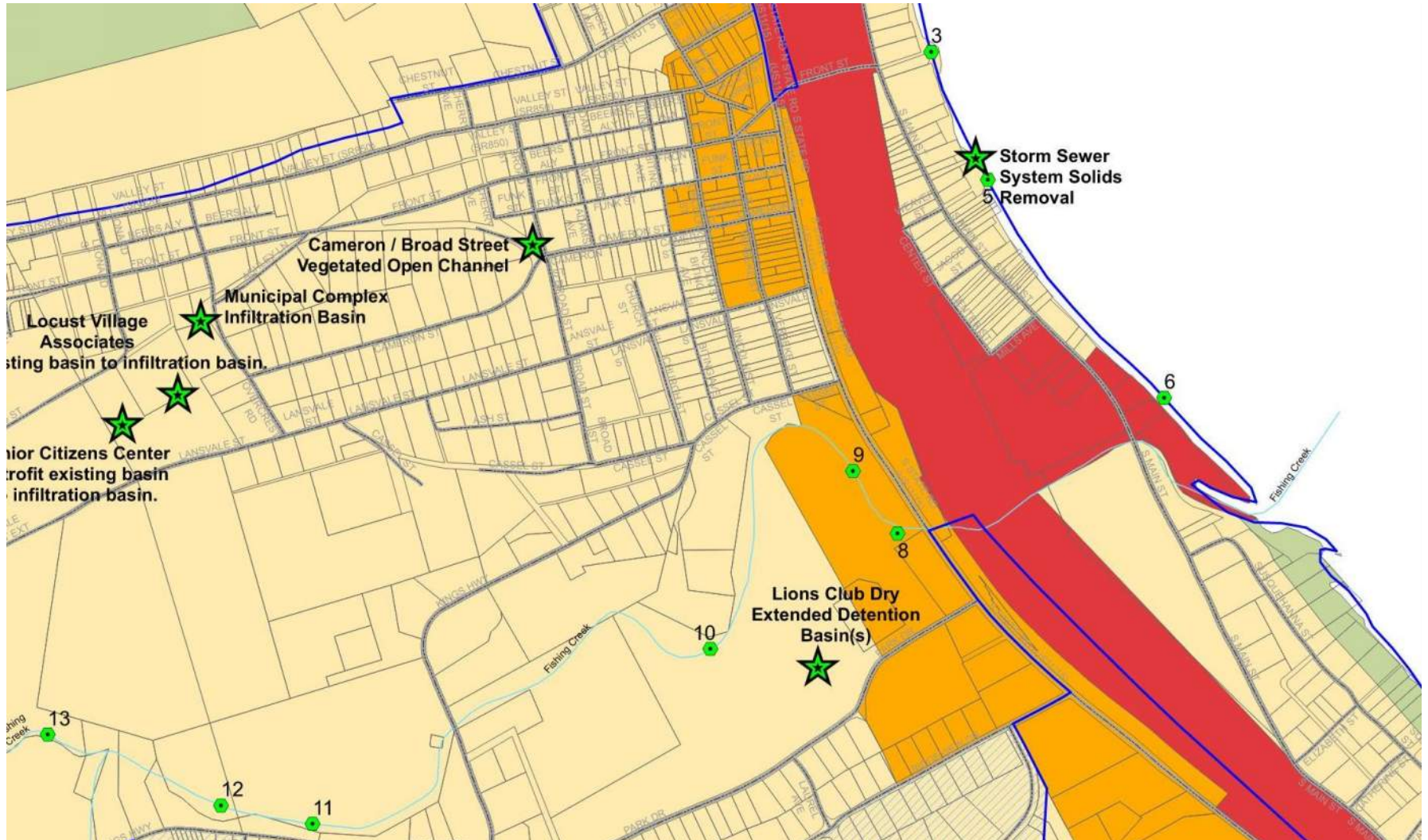
- ◆ “Enhanced” Requirements Include:
  - ❖ Annual Permit Fees (\$500)
  - ❖ Storm Sewer & Outfall Mapping
  - ❖ Stormwater Management Ordinance Update
    - ❖ *Non-Stormwater Discharges*
    - ❖ *Vehicle Washing*
  - ❖ Animal Waste Disposal Ordinance
  - ❖ Demonstrated Compliance with Minimum Pollutant Load Reductions
  - ❖ Public Comment on Pollutant Reduction Plans (PRP’s)

# POLLUTANT REDUCTION PLAN

- ◆ **New Permit Cycle Establishes a Sediment Reduction Goal of 10% by 2023**
  - ❖ 5% Reduction in Total Phosphorous (TP)
  - ❖ 3% Reduction in Nitrogen (TN)
- ◆ **Reduction Must Occur in Each Watershed in a Municipality**
  - ❖ Susquehanna River
  - ❖ Considered Impaired by Siltation & Nutrients
- ◆ **Accomplished by the construction of Best Management Practices or “BMP’s”**

# BMP LOCATIONS

## POLLUTANT REDUCTION PLAN

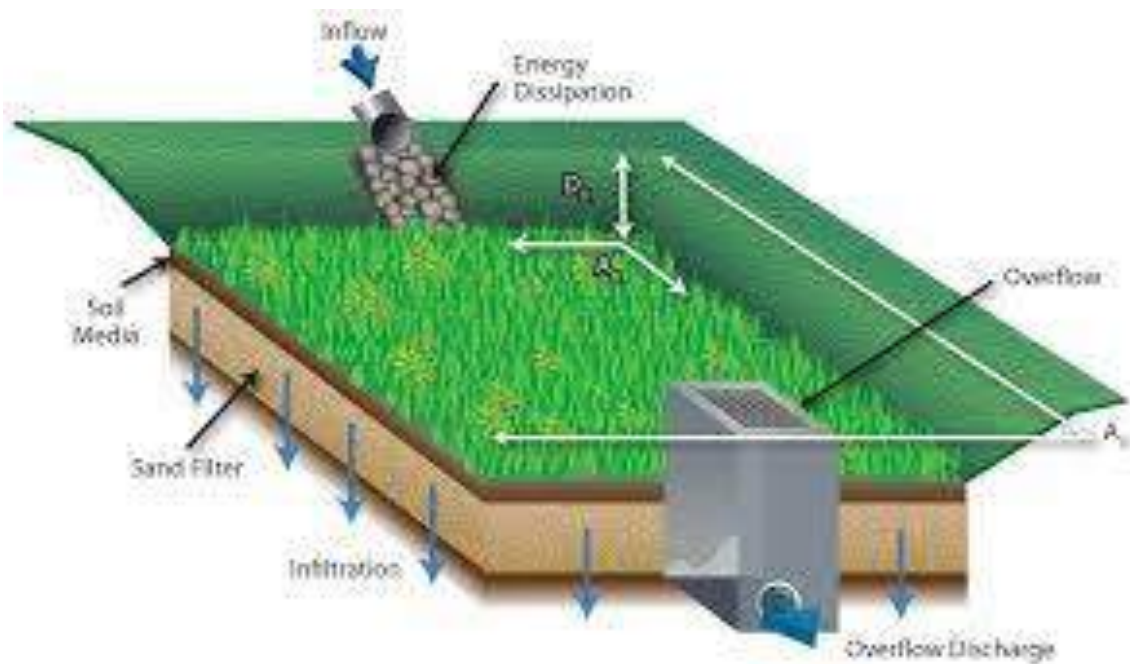


# LOCUST VILLAGE BMP



# BEST MANAGEMENT PRACTICES

- ◆ **Infiltration Basin Retrofit**
  - ❖ Area Required to Satisfy Volume Requirements
  - ❖ Location





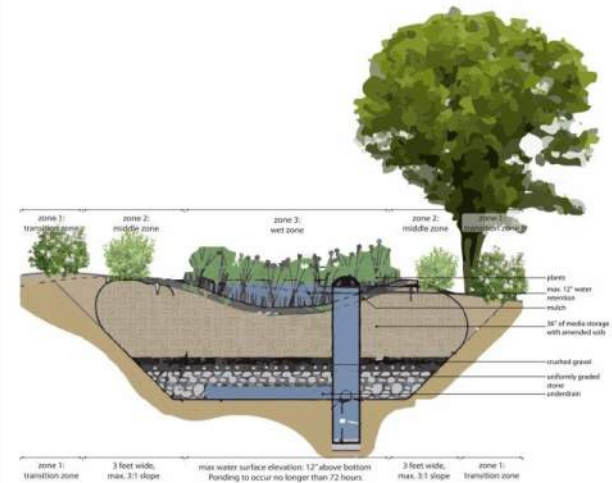
# CAMERON STREET BMP

## CAMERON STREET STORMWATER IMPROVEMENTS PROJECTS BOROUGH OF MARYSVILLE RAIN GARDEN PLAN

Site Plan



Rain Garden Cross-Section



### RAIN GARDEN PLANTING:

#### ZONE 1: WET ZONE -

- Shrubs: Silky dogwood (*Cornus amomum*)
- Perennials: Swamp sunflower (*Helianthus angustifolius*)

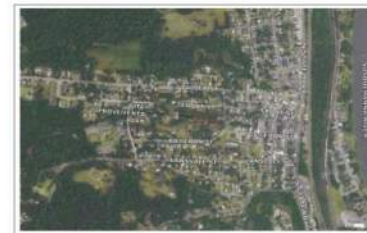
#### ZONE 2: MIDDLE ZONE -

- Shrubs: Red-osier dogwood (*Cornus sericea*)

#### ZONE 3: TRANSITION ZONE -

- Trees: Staghorn sumac (*Rhus typhina*)
- Shrubs: Witch hazel (*Hammamelis virginiana*)
- Perennials: Evening primrose (*Oenothera speciosa*)

Location Map



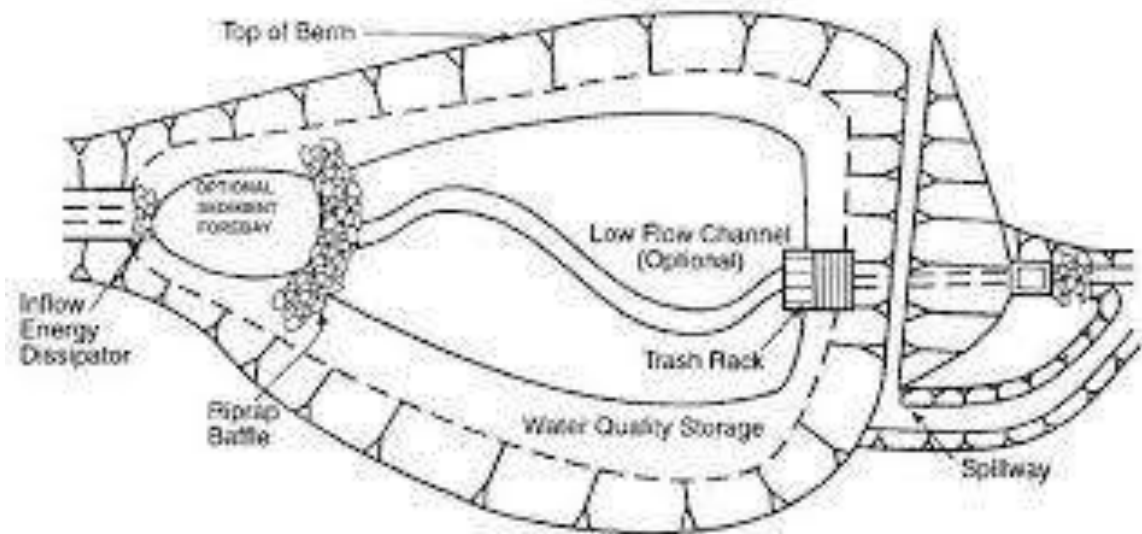
# BEST MANAGEMENT PRACTICES

- ◆ **Bioretention Areas**
  - ❖ Same Infiltration Basin Considerations
  - ❖ Aesthetic Appeal



# BEST MANAGEMENT PRACTICES

- ◆ **Dry Extended Basin Considerations**
  - ❖ Total Area Required
  - ❖ Watershed Dependent (Location)





# BUDGET PROJECT COSTS

◆ Authority Operating Expenses	\$536,000
◆ Lions Club Pond	\$634,000
◆ Cameron & Broad Street	\$150,000
<b>TOTAL FOR 4 YEARS:</b>	<b>\$1,378,000</b>
<b>ARPA SEED MONEY</b>	<b>(\$200,000)</b>

<b>TOTAL EXPENSES (OVER 4 YEARS)</b>	<b>\$1,178,000</b>
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# REVENUE GENERATION

- ◆ **Municipal Tax Increases (General Fund)**
  - ❖ Financial Flexibility in Application
  - ❖ Non-Profit Exemptions for Highest Impervious Areas
  - ❖ Impact to Municipal Borrowing Capacity
- ◆ **Dedicated Stormwater Funds**
  - ❖ Impose Fees Based on:
    - ❖ *Residential – Flat Rate*
    - ❖ *Non-Residential – Based on Impervious Areas*
    - ❖ *Credits / Exemptions*
  - ❖ Stormwater Authority Formation

# PROPOSED STORMWATER FEE

- ◆ **Residential**

- ❖ Single Tier Fee - \$38 / Quarter
- ❖ 1 Equivalent Residential Unit (ERU) = 3,580 SF

- ◆ **Non-Residential**

- ❖ Sliding Scale
- ❖ Residential Fee (\$38) times Number of EDU's
- ❖ Ranges from \$38 - \$1,000 per Quarter

- ◆ **Credits**

- ❖ 100% Credit to Properties where PRP projects are located

- ◆ **Assumptions**

- ❖ 4 Year Payback, 95% Collection

# FREQUENTLY ASKED QUESTIONS

- ◆ **Who has to pay the Stormwater Fee?**
  - ❖ **EVERYONE!**
  - ❖ **Includes Non-Profits and the Borough**
  
- ◆ **What does a Single Family Residential Home Pay?**
  - ❖ **\$38 per quarter**
  - ❖ **Billed separately from sewer and trash**
  
- ◆ **When Will I Receive My First Stormwater Bill?**
  - ❖ **2<sup>nd</sup> Quarter 2024 – on or about July 1**



# FREQUENTLY ASKED QUESTIONS

## ◆ **How was the Fee Amount Determined?**

- ❖ The total impervious area was calculated using aerial imagery and the County tax office land classifications. The quarterly fee was then calculated based on the number of houses and amount of impervious surfaces on commercial lots.

## ◆ **Will the Fee Go Up in the Future?**

- ❖ The fee may increase in the future depending on future permit requirements established by PA Department of Environmental Protection

# FREQUENTLY ASKED QUESTIONS

- ◆ **Can I Apply for an Exemption or Credits**

- ❖ The only available credit is if a Borough Pollutant Reduction Plan project is located on your property.

- ◆ **What Happens if I Don't Pay?**

- ❖ The Authority can lien your property if other collection efforts are not successful

- ◆ **Are Stone Areas Considered Impervious?**

- ❖ Stone areas that are compacted driving surfaces are considered impervious

# FREQUENTLY ASKED QUESTIONS

- ◆ **What does a Non-Residential Property Pay?**

- ❖ Sliding Scale - \$38 for every 3,540 SF of Impervious Area

- ◆ **What If I Think My Measured Non-Residential Impervious Area is Wrong?**

- ❖ Rules and Regulations outline the appeals process
- ❖ Burden of Proof is on the Property Owner

- ◆ **How Can I Find Out What I Will be Billed?**

- ❖ A list of Non-Residential fees is available

- ◆ **How Can I Contact the Authority?**

- ❖ Phone: 717-957-0079
- ❖ Email: [stormwaterauthority@marysvilleboro.com](mailto:stormwaterauthority@marysvilleboro.com)



**QUESTIONS AND PUBLIC COMMENT  
PLEASE LIMIT TO 3 MINUTES EACH**